

1 **S2 Table - Counts of underweight, healthy-weight, overweight/obese dog body condition scores per quartile of an owner's parenting style scores**

2 A dog's body condition score (BCS) being underweight (grouping body condition scores one to three), healthy-weight (score four and five) or overweight/obese
3 (score six to nine) was calculated to fall into an owner's first to fourth quartile of parenting style scores for each of the three parenting styles of authoritative,
4 authoritarian and permissive parenting and the additionally analysed specific styles of authoritative-training orientated, authoritative-intrinsic value and
5 authoritarian-correction orientated parenting. Chi-square tests for these frequencies were significant only for permissive parenting ($\chi^2=33.8$, $P<0.001$, $df=6$,
6 $N=2,303$; all other $P>0.001$).

	Underweight (BCS 1-3)	Healthy-weight (BCS 4-5)	Overweight (BCS 6-9)
Authoritative style score 20.00-66.67%	108 (-0.08)	441 (0.17)	37 (-0.18)
Authoritative style score 66.67-75.00%	115 (-0.04)	460 (-0.70)	47 (1.29)
Authoritative style score 75.00-81.67%	97 (-0.40)	410 (0.57)	33 (-0.39)
Authoritative style score 81.67-100%	107 (0.51)	416 (-0.02)	32 (-0.77)
Authoritarian style score 0-14.58%	111 (0.02)	455 (0.72)	32 (-1.29)
Authoritarian style score 14.58-22.92%	116 (0.38)	464 (0.80)	29 (-2.00)
Authoritarian style score 22.92-33.33%	112 (0.30)	436 (-0.79)	43 (0.92)
Authoritarian style score 33.33-83.33%	88 (-0.73)	372 (-0.78)	45 (2.52)
Permissive style score 0-18.75%	121 (1.62)	441 (0.51)	20 (-3.44)

Permissive style score 18.75-25.00%	138 (1.72)	488 (-1.21)	40 (-0.58)
Permissive style score 25.00-35.00%	87 (-1.64)	420 (1.80)	32 (-0.57)
Permissive style score 35.00-91.67%	81 (-1.89)	378 (-1.03)	57 (4.80)
Authoritative-training orientated style score 8.33-75.00%	111 (-1.13)	488 (0.06)	51 (1.68)
Authoritative-training orientated style score 75.00-87.50%	141 (-0.54)	590 (0.06)	55 (0.74)
Authoritative-training orientated style score 87.50-91.67%	60 (0.79)	222 (-0.10)	15 (-1.07)
Authoritative-training orientated style score 91.67-100%	115 (1.16)	427 (-0.05)	28 (-1.74)
Authoritative-intrinsic value orientated style score 4.17-50.00%	123 (1.37)	447 (-0.57)	33 (-1.16)
Authoritative-intrinsic value orientated style score 50.00-65.00%	78 (-3.06)	432 (2.04)	42 (1.25)
Authoritative-intrinsic value orientated style score 65.00-75.00%	119 (0.92)	439 (-1.28)	43 (0.79)

Authoritative-intrinsic value orientated style score 75.00-100%	107 (0.70)	409 (-0.13)	31 (-0.87)
Authoritarian-correction orientated style score 0-12.50%	148 (0.85)	569 (0.06)	41 (-1.45)
Authoritarian-correction orientated style score 12.50-21.88%	99 (-0.63)	433 (1.38)	29 (-1.44)
Authoritarian-correction orientated style score 21.88-31.25%	88 (1.09)	318 (-0.73)	26 (-0.42)
Authoritarian-correction orientated style score 31.25-84.38%	92 (-1.30)	407 (-0.78)	53 (3.43)